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Patent Application of

Confirmation No. 1866

KRAMER et al

Atty. Ref.: 4662-325

Appl. No. 10/523,370

TC/A.U. Unassigned

Filed: February 1, 2006

Examiner: Unassigned

For: PROCESS FOR THE PREPARATION OF L-3,4-DIHYDROXYPHENYLALANINE BY

AEROBIC FERMENTATION OF A MICROORGANISM

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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ASSIGNMENT OF NONPROVISIONAL APPLICATION WHEREAS, the undersigned hereby:					
		(2) KDEME	ED MÜSCHEN Suganna		
INSERT NAME(S) OF	(1) KRÄMER, Marco (3) WUBBOLTS, Marcel Gerhardus	(4)	ER-MÜSCHEN, Susanne		
INVENTOR(S)	(5) WOBBOLTS, Marcel Germardus		if continued on page 2		
	fter "ASSIGNOR") has/have made an invention				
TITLE OF INVENTION	PROCESS FOR THE PREPARATION OF L-3,4-D MICROORGANISM.		IINE BY AEROBIC FERMENTATION OF A		
for which an applica	tion for Letters Patents of the United States of	Δmerica:			
(Note: Complete A or B)			II C Detent 9 Tendemod Office of		
(Note: Complete A of B)	(A) ☐ was executed on even date herewit(B) ☐ was filed on		le U.S. Patent & Trademark Office; or		
AND WHEREAS,					
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(hereinafter "ASSIGNEE"), duly organized and existing under the laws of, desires to acquire an interest therein of the above-identified invention;					
acknowledged, the s representatives, the described in the afor said application, tog American Convention United States of Am Letters Patent to AS	REFORE, in consideration of good and valuable said ASSIGNOR, does hereby sell, assign and full and exclusive right, title and interest to the resaid application, and to the said application are ether with the right of priority under the Internation Relating to Patents, Designs and Industrial Merica adheres, and ASSIGNOR hereby authorical SIGNEE, for its interest as ASSIGNEE, its successions.	transfer unto ASSIGNEI said invention in the Un and to all continuations, of tional Convention for the Models, and any other in zes and requests the Concessors, assigns and le	E, its successors, assigns and legal ited States and all foreign countries, as divisions, reissues and substitutes of a Protection of Industrial Property, Interternational agreements to which the emmissioner of Patents to issue said gal representatives;		
	and legal representatives, deemed essential f				
Additionally, the undersigned further authorize(s) Mayer Brown Rowe & Maw LLP, 1909 K Street, N.W., Washington, D.C. 20006, to insert hereon any further identification necessary or desirable for recordation of this document.					
invent 1) Ma	rors vio Kentru	DATE SIGNED 21.01.2006	WITNESSES		
Name: M. Krän			G. Lemmens		
2) Name: S. Krem	ner-Müschen		G. Lemmens		
3) Name: M.G. W	ubbolts		G. Lemmens		

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Washington, D.C. 2			
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•	ACCIONMENT OF MONE	DA170101111	
	ASSIGNMENT OF NONP	ROVISIONAL API	PLICATION
WHEREA	AS, the undersigned hereby:		
INSERT	(1) KRAMER, Marco	(0) (0)	PEACE MUSIC CONTRACTOR
NAME(S) OF	(3) WUBBOLTS, Marcel Gerhardus	(2) KR	REMER-MÜSCHEN, Susanne
INVENTOR(S)	(5)	(4)	nov if continued as a second
(collectively herein	after "ASSIGNOD") healthque made	4	pox if continued on page 2
TITLE OF	after "ASSIGNOR") has/have made an inven		
INVENTION	PROCESS FOR THE PREPARATION OF L-3. MICROORGANISM.	4-DIHYDROXYPHENYLA	ALANINE BY AEROBIC FERMENTATION OF A
for which an applic	ation for Letters Patents of the United States	of America:	
(Note: Complete A or B)	(A) was executed on even date here	with and will be the e	
	(B) was filed on	i penn ed niw una cuiw A noitealadh as	n the U.S. Patent & Trademark Office; or
AND WHEREAS,			
INSERT	DSM IP Assets BV	DCM Bioton	
NAME(S) AND ADDRESS(ES) OF	Het Overloon 1	DSM Biotec	Beckrts-Str. 13
ASSIGNEE(S)	6411 TE. Heerlen	D-52428 Ju	lich
	The Netherlands	Germany	
(hereinafter *ASSIG interest therein of the	NEE"), duly organized and existing under the eabove-Identified invention;	laws of	, desires to acquire an
NOW THE	REFORE in consideration of the desired		20,000
representatives, the described in the afor said application, toge American Convention United States of American Patent to AS	REFORE, in consideration of good and valuated ASSIGNOR, does hereby sell, assign an full and exclusive right, title and interest to the esaid application, and to the said application either with the right of priority under the Intermal Relating to Patents, Designs and Industrial erica adheres, and ASSIGNOR hereby authors SIGNEE, for its interest as ASSIGNEE, its support to the property of the same and the said application and the said appli	e said invention in the land to all continuations ational Convention for the Models, and any other rizes and requests the locessors, assigns and locessors, assigns and locessors.	United States and all foreign countries, as side divisions, reissues and substitutes of the Protection of Industrial Property, Interintemational agreements to which the Commissioner of Paterits to issue said
AND ADDIC	NOR hereby agrees, without further remuner and legal representatives, deemed essential and		
Additionally	the undersigned further authority		
Lood, to misen here(on any further identification necessary or des	irable for recordation of	this document.
INVENTO	DRS	5 4 TO 0 1 1 1 1 1	
		DATE SIGNED	WITNESSES
1)			
Name: M. Kräme			G Nammon
2) 5. 6.			G. Cammens
	r-Müschen	21.01.2006	11hw7
O. Money	-iviusC(18[)		G. Leiffnens
3)			7/
Name: M.G. Wub	bolts		
			G. Lenmens

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				Client	Reference:
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	ASSIGNMENT OF NONPROVISIO	ΝΔΙ	Δ	PPI I	CATION
WHEREAS, the undersigned hereby:					
INSERT	(1) KRÄMER, Marco		(2)	KRFM	IER-MÜSCHEN, Susanne
NAME(S) OF	(3) WUBBOLTS, Marcel Gerhardus		(4)	14142141	LIT MOOFILM, GAGAMIO
INVENTOR(S)	(5)	-		x box	if continued on page 2
(collectively hereina	after "ASSIGNOR") has/have made an invention entitled	:			
TITLE OF INVENTION	PROCESS FOR THE PREPARATION OF L-3,4-DIHYDRO MICROORGANISM.	XYPH	HEN'	YLALAI	NINE BY AEROBIC FERMENTATION OF A
for which an applica	ation for Letters Patents of the United States of America	:	,		
(Note: Complete A or B)	(Note: Complete A or B) (A) Was executed on even date herewith and will be filed in the U.S. Patent & Trademark Office; or (B) was filed on as Application No.				
AND WHEREAS,					
INSERT NAME(S) AND ADDRESS(ES) OF ASSIGNEE(S)	DSM IP Assets BV Het Overloon 1 6411 TE Heerlen The Netherlands	DSM Biotech GmbH Karl-Heinz-Beckrts-Str. 13 D-52428 Julich Germany			
(hereinafter "ASSIGNEE"), duly organized and existing under the laws of, desires to acquire an interest therein of the above-identified invention;					, desires to acquire an
NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives;					
AND ASSIGNOR hereby agrees, without further remuneration, to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential for ASSIGNEE's full protection and title in and to the invention hereby transferred; and					
Additionally, the undersigned further authorize(s) Mayer Brown Rowe & Maw LLP, 1909 K Street, N.W., Washington, D.C. 20006, to insert hereon any further identification necessary or desirable for recordation of this document.					
INVEN	ITORS DAT	E SI	<u>GNF</u>	<u>ED</u>	WITNESSES
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2)					

Name: S. Kremer-Müschen

3)

Name: M.G. Wubbolts

G. Lemmens

G. Lemmens

G. Lemmens

G. Lemmens